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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/755,482	01/05/2001	Curtis G. Yarvin	3399P039	5095

7590 10/21/2004

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EXAMINER	
HUYNH, THU V	

ART UNIT	PAPER NUMBER
2178	

DATE MAILED: 10/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/755,482	Applicant(s) YARVIN, CURTIS G.
	Examiner Thu V Huynh	Art Unit 2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *23 July 2004*.

2a)☒ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *10,11,13-18,42,44-46 and 48-56* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *10,11,13-18,42,44-46 and 48-56* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: amendment filed on 07/27/2004 to application filed on 01/05/2001.

2. Claims 1-9, 12, 19-41, 43, 47 are canceled.

3. Claims 10, 13-14, 16, 18, 42, 44 are amended.

4. Claims 48-56 are added.

5. Claims 10-11, 13-18, 42, 44-46, and 48-56 are pending in the case. Claims 10, 16, 42, 44 and 48 are independent claims.

6. The rejection of claims 5-9, 16-19, 26-30, 37-43 under 35 U.S.C. 103(a) as being unpatentable by Balsara et al., US 6,065,012, filed 1998 have been withdrawn in view of the amendment.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the

reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

8. Claims 10-11, 13-15, 42, 44-46 and 48-52 are rejected under 35 U.S.C. 102(e) as being anticipated by Balsara et al., US 6,065,012, filed 1998.

Regarding independent claim 10, Balsara teaches the steps of:

- generating a presentation document based on a source document and a stored data set (Balsara, col.4, lines 1-14; col.5, lines 19-55 and col.11, lines 59-67; "user selects what kinds of data is to be displayed by marking selections of parameters on a customization page linked to the summary table" in order to generate a dynamic summary view in HTML language), wherein the source document includes a tag, the tag having as an attribute an expression which can be evaluated, the expression having a variable value (Balsara, col.4, lines 1-14, col.5, lines 49-50; col.13, line 50 – col.15 line 5; and col.15, lines 45-67; HTML page includes an object tag having id and/or classid attribute and expression equal to set the values of the attributes, such as classid = "CLSID:0468C085-CA5B-11DO-AF08-00609797F0E0" which can be evaluated to "direct[s] a search for a datasource control that has the specified identification classID" in order to displayed calendar items. If the user wants to view today's tasks items or mail items, another identification classID must be specified to direct a search for task or email datasource);
- responding to an event by modifying the data set, determining whether the modification to the data set should affect the presentation document, including

evaluating the expression (Balsara, col.4, lines 1-21 and 40-52; col.11, line 59 – col.12, line 7; user select particular kind of data to be displayed); and

- updating the presentation document based on a result of evaluating the expression (Balsara, col.4, lines 1-21 and col.5, lines 49-64 and , updating the summary view based on classID identification for searching the particular datasource control).

Regarding claim 11, which is dependent on claim 10, Balsara teaches storing the data set locally within the local processing system (Balsara, col.1, lines 29-43 and col.11, lines 52-57).

Regarding claim 13, which is dependent on claim 10, Balsara teaches wherein said updating the presentation document comprises updating only segments of the presentation document that correspond to the changed data, without updating the entire presentation document (Balsara, col.10, lines 26-31).

Regarding claim 14, which is dependent on claim 10, Balsara teaches storing the data set locally within the local processing system, wherein said updating the presentation document comprises updating only segments of the presentation document that depend on the change data, without updating the entire presentation document (Balsara, col.10, lines 26-31).

Regarding claim 15, which is dependent on claim 10, Balsara teaches the source document is an extensible markup language document (Balsara, col.5, lines 24-25).

Regarding independent claim 42, Balsara teaches the steps of:

- generating a presentation document in the processing system based on data model and a source document written in an extensible markup language (Balsara, col.5, lines 19-20 and col.11, lines 59-62), wherein the source document includes a tag, the tag having as an attribute an expression which can be evaluated, the expression having a variable value (Balsara, col.4, lines 1-14, col.5, lines 49-50; col.13, line 50 – col.15 line 5; and col.15, lines 45-67; in HTML language includes an object tag having id and/or classid attribute and expression equal to set the values of the attributes, such as classid = "CLSID:0468C085-CA5B-11DO-AF08-00609797F0E0" which can be evaluated to "direct[s] a search for a datasource control that has the specified identification classID" in order to displayed calendar items. If the user wants to view today's tasks items or mail items, another identification classID must be specified to direct a search for task or email datasource);
- rendering the user interface in the processing system based on the presentation document (Balsara, figures 2-3 and col.3, line 58 – col.4, line 14; displaying the summary view to a user based on user selection);
- responding to an event in the processing system by causing a change to the data set, determining a set of parts of the presentation document which are invalid as a result of the change by evaluating the expression (Balsara, col.4, lines 1-21 and 40-52; col.11, line 59 – col.12, line 7; user select particular kind of data to be displayed);
- automatically updating only those parts of the presentation document that are invalid, without updating the entire presentation document, based on a result of the expression

(Balsara, col.4, lines 1-21 and col.5, lines 49-64 and col.10, lines 1-34; updating the summary view based on classID identification for searching the particular datasource control); and

- rendering the user interface based on the updated presentation document (Balsara, figures 2-3; col.3, line 58 – col.4, line 14; and col.12, lines 48-58; col.10, lines 28-34; displaying the summary view to a user based on user selection).

Regarding independent claim 44, Balsara teaches the steps of:

- a processor (Balsara, col.3, line 61);
- an output device (Balsara, col.8, line 19);
- a first storage unit containing a data set for use in generating an extensible markup language based presentation document (Balsara, col.1, lines 29-34 and col.5, lines 19-36);
- a second storage unit containing instructions which configure the processor to generate a presentation document written in an extensible markup language and the data set (Balsara, fig.4, col.13, lines 30-62), wherein the presentation document includes one or more tags, each said tag having as an attribute an expression that operates on the data, wherein each said expression can be evaluated and has a variable value (Balsara, col.4, lines 1-14, col.5, lines 49-50; col.13, line 50 – col.15 line 5; and col.15, lines 45-67; in HTML language includes an object tag having id and/or classid attribute and expression equal to set the values of the attributes, such as classid = "CLSID:0468C085-CA5B-11DO-AF08-00609797F0E0" which can be

evaluated to "direct[s] a search for a datasource control that has the specified identification classID" in order to displayed calendar items. If the user wants to view today's tasks items or mail items, another identification classID must be specified to direct a search for task or email datasource);

- present a the user interface at the output device based on the presentation document (Balsara, figures 2-3 and col.3, line 58 – col.4, line 14; displaying the summary view to a user based on user selection);
- detect an event (Balsara, col.4, lines 1-21 and 40-52; col.11, line 59 – col.12, line 7; user select particular kind of data to be displayed);
- responding to the event by causing a change to the data set, determining whether the presentation document is dependent upon at least one expression included as an attribute in a tag in the source document, the result of which is affected by the change to the data (Balsara, col.4, lines 1-21 and 40-52; col.11, line 59 – col.12, line 7; user select particular kind of data to be displayed);
- if the presentation document is dependent upon at least one expression, the result of which is affected by the change of the data, then updating only one or more segments of the presentation document that depend on said at least one expression, without updating the entire presentation document, based on a result of evaluating said at least one expression (Balsara, col.4, lines 1-21 and col.5, lines 49-64; col.9, lines 67 and col.10, lines 1-34; updating the summary view based on classID identification for searching the particular datasource control);

- present the use interface at the output device based on the updated presentation document (Balsara, figures 2-3; col.3, line 58 – col.4, line 14; and col.12, lines 48-58; col.10, lines 28-34; displaying the summary view to a user based on user selection).

Regarding claim 45, which is dependent on claim 16, teaches wherein the computing device is a wireless, hand-held computer device (Balsara, col.7, lines 28-29).

Regarding claim 46, which is dependent on claim 45, teaches the computing device is configured to receive the source document from a remote server over a network (Balsara, col.7, lines 31-34).

Claims 48-52 are for an apparatus performing the method of claims 10-11 and 13-15, respectively and are rejected under the same rationale.

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

10. Claims 16-18 and 53-56 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Balsara et al., US 6,065,012, filed 1998 in view of Donahue et al., US 5,987,480, filed 1996.

Regarding independent claim 16, Balsara teaches the steps of:

- providing a presentation document in the local processing system based on a source document written in an extensible markup language and a data set (Balsara, col.5, lines 19-20 and col.11, lines 59-62), wherein the source document includes a tag, the tag having as an attribute an expression which can be evaluated, the expression having a variable value (Balsara, col.4, lines 1-14, col.5, lines 49-50; col.13, line 50 – col.15 line 5; and col.15, lines 45-67; in HTML language includes an object tag having id and/or classid attribute and expression equal to set the values of the attributes, such as classid = "CLSID:0468C085-CA5B-11DO-AF08-00609797F0E0" which can be evaluated to "direct[s] a search for a datasource control that has the specified identification classID" in order to displayed calendar items. If the user wants to view today's tasks items or mail items, another identification classID must be specified to direct a search for task or email datasource);
- rendering the user interface in the local processing system based on the presentation document (Balsara, figures 2-3 and col.3, line 58 – col.4, line 14; displaying the summary view to a user based on user selection);
- detecting an event in the local processing system (Balsara, col.4, lines 1-21 and 40-52; col.11, line 59 – col.12, line 7; user select particular kind of data to be displayed);
- responding to an event by causing a change to the data in the local processing system, determining whether the presentation document is dependent upon the changed data,

including evaluating the expression (Balsara, col.4, lines 1-21 and 40-52; col.11, line 59 – col.12, line 7; user select particular kind of data to be displayed);

- if the presentation document is dependent upon the changed data, then updating the presentation document based on the change to the data by using the result of evaluating the expression (Balsara, col.4, lines 1-21 and col.5, lines 49-64 and , updating the summary view based on classID identification for searching the particular datasource control);
- rendering the user interface in the local processing system based on the updated presentation (Balsara, figures 2-3; col.3, line 58 – col.4, line 14; and col.12, lines 48-58; col.10, lines 28-34; displaying the summary view to a user based on user selection).

However, Balsara does not explicitly disclose the tag having as an attribute an expression containing conditional logic.

Donohue teaches delivering documents having dynamic content including the steps of:

- generating a presentation document based on a source document and a stored data set, wherein the source document includes a tag, the tag having as an attribute an expression which can be evaluated, the expression having a variable value (Domohue, fig.2; col.7, line 45 – col.8, line 48; col.9, line 26 – col.10, line 8)

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have combined Takata's presentation of dynamic content in HTML into Balsara's summary view HTML to provide a different way to generating a presentation of an

HTML document, as Balsara disclosed the control modules may be implemented in a variety of ways (Balsara, col.13 lines 61-62).

Regarding claim 17, which is dependent on claim 16, Balsara teaches storing the data set locally within the local processing system (Balsara, col.1, lines 29-43 and col.11, lines 52-57).

Regarding claim 18, which is dependent on claim 16, Balsara teaches storing the data set locally within the local processing system (Balsara, col.1, lines 29-43 and col.11, lines 52-57), wherein said updating the presentation document comprises updating only one or more segments of the presentation document that depend on the changed data, without updating the entire presentation document (Balsara, col.10, lines 26-31).

Regarding claim 54, which is dependent on claim 10, Balrasa does not explicitly teach wherein the expression comprises conditional logic. However, refer to the rationale relied to reject claim 16, the limitation of "the expression comprises conditional logic" is addressed. The rationale is incorporated herein.

Claim 53 is for an apparatus performing the method of claim 54 and is rejected under the same rationale.

Claim 55 is for a machine-readable storage medium performing the method of claim 54 and is rejected under the same rationale.

Claim 56 is for a computing device performing the method of claim 54 and is rejected under the same rationale.

Response to Arguments

11. Applicant's arguments with respect to claims 16-18 and 53-56 have been considered but are moot in view of the new ground(s) of rejection.

Applicant argues with respect to claims 16-18 and 53-56 that Balsara does not disclose expression comprise conditional logic.

However, the combination of Balsara and Donohue teaches this limitation.

Applicant argues with respect to claims 10-11, 13-15, 42, 44-46 and 48-52 that the values of the attributes in Balsara are not variable.

This is not persuasive. Balsara teaches HTML page includes an object tag having id and/or classid attribute and expression equal to set the values of the attributes, such as classid = "CLSID:0468C085-CA5B-11DO-AF08-00609797F0E0" which can be evaluated to "direct[s] a search for a datasource control that has the specified identification classID" in order to displayed calendar items. If the user wants to view today's tasks items or mail items, another identification classID must be specified to direct a search for task or email datasource. It is noted that object tag construct allows the passing of parameters to an ActiveX control when it is invoked was well known in the art.

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Mutschler, III et al., US 5,940,075, filed 1997, teaches method for extending hypertext markup language to support enterprise application data binding.

Chadha et al., US 6,061,698, filed 1997, teaches merging tagged documents and scripts having dynamic content.

Douglis et al., US 6,021,426, filed 1997, teaches method for dynamic data transfer on a web page.

Takata et al., US 6,119,136, filed 1997, teaches manuscript text composition system featuring a parameter table for specifying template parameters and characters.

13. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu V Huynh whose telephone number is (571) 273-4126. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen S Hong can be reached on (571) 273-4124. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TVH
October 13, 2004

SANJIV SHAH
PRIMARY EXAMINER